

Notice of Allowability

Application No.

09/609,020

Examiner

Quynh H. Nguyen

Applicant(s)

PERSHAN ET AL.

Art Unit

2642

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Applicant's amendment and arguments filed on 9/28/05.
2. ☒ The allowed claim(s) is/are 1-6,8,10-14, and 20-22 (renumbered as claims 1-15, respectively).
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

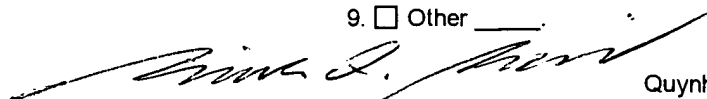
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08), Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413), Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____



BING Q. BUI
PRIMARY EXAMINER

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EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
2. Authorization for this examiner's amendment was given in a telephone interview with Mr. Michael Straub on 12/07/05.
3. Claims 1-3, 5, 10, and 20-22 have been amended and claim 23 has been cancelled as follows:

Claim 1 (currently amended): A method of controlling a call forwarding service comprising:

operating a peripheral device coupled to a telephone switch to receive a call to a telephone number corresponding to said peripheral device from a caller using a first telephone to make said call, said peripheral device being used to provide said call forwarding service;

determining, using automatic number identification information, a first telephone number corresponding to the first telephone from which said call was made;

~~detecting receipt of a first call forwarding control signal from the first~~
~~telephone;~~

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determining, from the first telephone number and stored information, if the first telephone corresponds to a telephone for which said call forwarding service is supported;

if it is determined that said first telephone number corresponds to a telephone for which said call forwarding service is supported, and a first signal has been received from the first telephone, performing additional processing including:

determining if said first signal is a call forwarding control signal used to activate said call forwarding service and it is determined that said call forwarding service is supported for the first telephone, and if it is determined that said first signal is a call forwarding control signal used to activate said call forwarding service, also:

i.) determining if a call processing record, associated with said first telephone number, accessible to a service control point coupled to said peripheral device by said telephone switch, includes a previously stored call forwarding telephone number to which forward calls are to be sent; and

ii) if it is determined that a previously stored telephone number to which forward calls are to be sent is available, i) updating said call processing record associated with said first telephone to indicate that call forwarding is active; and ii) enabling the forwarding of calls directed to the first telephone to a second telephone using said previously stored call forwarding telephone number; and

if it is determined that said first telephone number corresponds to a first telephone for which said call forwarding service is not supported by said peripheral device, requiring entry of a personal identification number and a second telephone number corresponding to a second telephone for which a call forwarding service is supported by said peripheral device prior to implementing a call forwarding control operation enabling or disabling call forwarding with respect to calls directed to said second telephone.

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Claim 2 (currently amended): The method of claim 1, further comprising:

if when it is determined that said call forwarding service is not supported for the first telephone, prompting the caller for a telephone number corresponding to a service to be updated.

Claim 3 (currently amended): The method of claim 2, wherein determining if said first signal is a call forwarding control signal used to activate said call forwarding service includes further comprising:

examining the first signal to determine if said first signal is a control signal used to activate said call forwarding service or to disable said call forwarding service.

Claim 5 (currently amended): The method of claim 4, further comprising, when it is determined that said first telephone number corresponds to a telephone for which said call forwarding service is supported and said first signal is determined to be a control signal used to disable call forwarding:

operating the service control point to send an update message to the telephone switch to which the first telephone is coupled to deactivate a terminating attempt trigger on the telephone line corresponding to the first telephone.

Claim 10 (currently amended): A method of controlling a call forwarding service comprising:

operating a peripheral device coupled to a telephone switch to receive a call to a telephone number corresponding to said peripheral device from a caller using a first telephone to make said call, said peripheral device being used to provide said call forwarding service;

~~detecting receipt of a first signal from the first telephone;~~

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determining, using automatic number identification information, a first telephone number corresponding to the first telephone from which said call was made;
accessing, using the first telephone number, service information ~~maintained in~~ accessible to a service control point coupled to said peripheral device by said telephone switch said service information being a call processing record associated with said first telephone number;

determining, from the accessed information, if the first telephone corresponds to a telephone for which said call forwarding service is being provided ~~used to forward calls~~; and

if it is determined that said call forwarding service is being provided and is being used to forward calls directed to the first telephone, disabling said call forwarding service in response to the a first signal received from said first telephone when said first signal is a control signal used to disable said call forwarding service; and

if it is determined that said call forwarding service is not being provided to said first telephone, prior to implementing a call forwarding service control command, requiring entry of a personal identification number and a second telephone number, the second telephone number corresponding to a second telephone for which a call forwarding service is provided, said call forwarding service being controllable from said second telephone and also from said first telephone.

Claim 20 (currently amended): A communication system, comprising:

- a first telephone;
- a telephone switch coupled to said telephone;
- a peripheral device coupled to said telephone switch;
- a service control point coupled to said telephone switch and to said peripheral device by way of said telephone switch;
- said peripheral device including means for receiving a first telephone call made from said first telephone to a telephone number corresponding to said peripheral

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device and routed to said peripheral device by said telephone switch and means for receiving from the telephone a first control signal;

said peripheral device further including means for communicating telephone number information indicating a first telephone number corresponding to the first telephone from which said first telephone call was made and control signal information to said service control point by way of said telephone switch;

said service control point including:

i) means for accessing a call processing record corresponding to the first telephone number as a function of information communicated from said peripheral device;

ii) means for determining if the accessed call processing record includes a call forwarding telephone number to be used when forwarding calls directed to said telephone; and

iii) means for activating a call forwarding service, said call forwarding service forwarding calls directed to said first telephone as a function of said call forwarding telephone number when it is determined that the accessed call processing record includes said telephone number and said control signal is a call forwarding activation signal; and

iv) means for checking that the caller has entered a personal identification number and telephone number corresponding to a telephone to which a call forwarding service is provided when it is determined that said first telephone number corresponds to a telephone for which a call forwarding service is not provided.

Claim 21 (currently amended): A call forwarding control method, the method comprising:

operating a peripheral device coupled to a telephone switch to receive a call made from a first telephone by dialing a telephone number corresponding to the peripheral device, a first telephone number being associated with said first telephone;

operating the peripheral device to receive a signal from the first telephone;

determining from automatic number identification information if the first telephone number corresponds to a telephone which is being provided with a call forwarding service;

if it is determined that the first telephone number corresponds to a telephone which is not being provided with a call forwarding service, requiring entry of a personal identification number and telephone number corresponding to a telephone which is provided a call forwarding service prior to implementing a call forwarding control command received from the first telephone; and

if it is determined from said automatic number identification information that that the first telephone number corresponds to a telephone which is being provided with a call forwarding service, allowing a call forwarding control command to be implemented without requiring entry of a personal identification number by performing the steps:

i) determining if the signal is a call forwarding control command; and

ii) if the received signal is determined to be a call forwarding control command, i) using automatic number identification information corresponding to said call to identify a call processing record corresponding to a first telephone number corresponding to said first telephone from which said call was made, said call processing record being accessible to a service control point coupled to said peripheral device by said telephone switch; and ii) modifying the content of said call processing record in accordance with the received call forwarding control command; and

~~if the received signal is determined not to be a call forwarding control command, determining if the received signal is a telephone number of a subscriber for which a service is provided using said service control point.~~

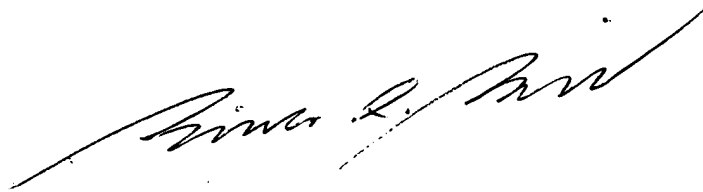
22. (previously presented): The method of claim 21,

wherein said call processing record includes a stored call forwarding number; and

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wherein said modifying the content of said call processing record includes performing changing the status of a call forwarding indicator stored in said call processing record.

23. (canceled):

A handwritten signature in black ink, appearing to read "Bing Q. Bui", written in a cursive style.

BING Q. BUI
PRIMARY EXAMINER